



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: 1st Street at Herbert Avenue, Traffic Signals, et al.

Project ID: TDS0001562

Bids Opened: 8/14/2018

Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.	(2) California Professional Engineering, Inc.	(3) Aldridge	(4) P T M General Engineering Services, Inc.					
(1) Preliminary Bid Amount					\$1,003,850.99	\$1,070,134.15	\$1,076,542.00	\$1,080,573.00					
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/MONTH)	4	\$500.00	MTH	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
4	MOBILIZATION	1	\$24,000.00	LS	\$24,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$34,800.00	\$34,800.00	\$50,000.00	\$50,000.00
5	EXPLORATORY EXCAVATION OF UTILITIES (ALLOWANCE OF \$75,000)	75000	\$1.00	AL	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00
6	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
7	CONCRETE REMOVAL (NON-REINFORCED)	5	\$525.00	CY	\$2,625.00	\$604.00	\$3,020.00	\$460.00	\$2,300.00	\$604.20	\$3,021.00	\$334.00	\$1,670.00
8	UNCLASSIFIED EXCAVATION	8	\$465.00	CY	\$3,720.00	\$604.00	\$4,832.00	\$460.00	\$3,680.00	\$604.20	\$4,833.60	\$260.00	\$2,080.00
9	CRUSHED MISCELLANEOUS BASE	6	\$390.00	CY	\$2,340.00	\$456.00	\$2,736.00	\$517.50	\$3,105.00	\$456.00	\$2,736.00	\$230.00	\$1,380.00
10	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	2	\$450.00	CY	\$900.00	\$1,070.00	\$2,140.00	\$575.00	\$1,150.00	\$1,071.60	\$2,143.20	\$1,040.00	\$2,080.00
11	AC PAVEMENT(PATCH BACK)	3	\$820.00	TON	\$2,460.00	\$1,059.00	\$3,177.00	\$517.50	\$1,552.50	\$1,060.20	\$3,180.60	\$980.00	\$2,940.00
12	PCC CURB & GUTTER, TYPE A2-VAR	31	\$53.00	LF	\$1,643.00	\$38.00	\$1,178.00	\$80.50	\$2,495.50	\$37.60	\$1,165.60	\$98.00	\$3,038.00

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13	PCC CURB RAMPS	3	\$865.00	CY	\$2,595.00	\$1,821.00	\$5,463.00	\$1,610.00	\$4,830.00	\$1,824.00	\$5,472.00	\$1,150.00	\$3,450.00
14	DETECTABLE WARNING SURFACE	33	\$50.00	SF	\$1,650.00	\$55.00	\$1,815.00	\$57.50	\$1,897.50	\$54.70	\$1,805.10	\$69.00	\$2,277.00
15	2" CONDUIT (SCH 80 PVC)	80	\$40.00	LF	\$3,200.00	\$60.00	\$4,800.00	\$60.00	\$4,800.00	\$84.90	\$6,792.00	\$35.00	\$2,800.00
16	3" CONDUIT (SCH 80 PVC)	112	\$50.00	LF	\$5,600.00	\$45.00	\$5,040.00	\$65.00	\$7,280.00	\$82.20	\$9,206.40	\$40.00	\$4,480.00
17	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	112	\$3.50	LF	\$392.00	\$3.20	\$358.40	\$2.50	\$280.00	\$3.70	\$414.40	\$10.00	\$1,120.00
18	8-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	368	\$4.00	LF	\$1,472.00	\$3.90	\$1,435.20	\$2.90	\$1,067.20	\$4.30	\$1,582.40	\$14.00	\$5,152.00
19	WIRE #6	250	\$2.00	LF	\$500.00	\$1.40	\$350.00	\$2.50	\$625.00	\$3.70	\$925.00	\$2.50	\$625.00
20	WIRE #10	560	\$1.50	LF	\$840.00	\$1.00	\$560.00	\$2.10	\$1,176.00	\$3.40	\$1,904.00	\$2.00	\$1,120.00
21	NO. 5 PULL BOX INCL PCC COVER	1	\$625.00	EA	\$625.00	\$710.00	\$710.00	\$650.00	\$650.00	\$1,153.80	\$1,153.80	\$500.00	\$500.00
22	NO. 6 PULL BOX INCL PCC COVER	3	\$750.00	EA	\$2,250.00	\$800.00	\$2,400.00	\$650.00	\$1,950.00	\$1,370.60	\$4,111.80	\$650.00	\$1,950.00
23	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$2,520.00	\$2,520.00	\$2,500.00	\$2,500.00	\$4,829.70	\$4,829.70	\$2,100.00	\$2,100.00
24	SWITCH PACK	1	\$85.00	EA	\$85.00	\$80.00	\$80.00	\$50.00	\$50.00	\$43.70	\$43.70	\$40.00	\$40.00
25	PED ISOLATION MODULE	1	\$125.00	EA	\$125.00	\$170.00	\$170.00	\$55.00	\$55.00	\$69.50	\$69.50	\$43.00	\$43.00
26	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$18,338.00	\$18,338.00	\$17,300.00	\$17,300.00	\$14,952.60	\$14,952.60	\$15,000.00	\$15,000.00
27	TYPE 332 CABINET FOUNDATION	1	\$2,475.00	EA	\$2,475.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$759.40	\$759.40	\$4,500.00	\$4,500.00
28	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,870.00	\$3,870.00	\$3,000.00	\$3,000.00	\$3,282.90	\$3,282.90	\$3,000.00	\$3,000.00
29	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$745.90	\$745.90	\$3,500.00	\$3,500.00
30	TYPE 24 STANDARD	1	\$6,300.00	EA	\$6,300.00	\$9,329.00	\$9,329.00	\$8,838.00	\$8,838.00	\$8,607.80	\$8,607.80	\$7,500.00	\$7,500.00
31	TYPE 24 STANDARD WITH MODIFIED 23' HIGH POLE	1	\$7,050.00	EA	\$7,050.00	\$9,329.00	\$9,329.00	\$8,838.00	\$8,838.00	\$8,607.80	\$8,607.80	\$7,500.00	\$7,500.00
32	TYPE 24 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$5,286.00	\$10,572.00	\$4,000.00	\$8,000.00	\$5,095.60	\$10,191.20	\$9,000.00	\$18,000.00
33	25' SIGNAL MAST ARM	1	\$2,200.00	EA	\$2,200.00	\$3,386.00	\$3,386.00	\$3,600.00	\$3,600.00	\$3,083.30	\$3,083.30	\$2,600.00	\$2,600.00

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(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
34	35' SIGNAL MAST ARM	1	\$2,300.00	EA	\$2,300.00	\$3,386.00	\$3,386.00	\$3,600.00	\$3,600.00	\$3,083.30	\$3,083.30	\$2,600.00	\$2,600.00
35	12' LUMINAIRE MAST ARM	1	\$375.00	EA	\$375.00	\$634.00	\$634.00	\$650.00	\$650.00	\$469.80	\$469.80	\$500.00	\$500.00
36	12' HORIZONTAL LUMINAIRE MAST ARM	1	\$400.00	EA	\$400.00	\$634.00	\$634.00	\$650.00	\$650.00	\$469.80	\$469.80	\$500.00	\$500.00
37	LED LUMINAIRES (150W HPS EQUIVALENT)	2	\$550.00	EA	\$1,100.00	\$852.00	\$1,704.00	\$645.00	\$1,290.00	\$662.70	\$1,325.40	\$500.00	\$1,000.00
38	1-12" LED YELLOW FLASHER	4	\$700.00	EA	\$2,800.00	\$598.00	\$2,392.00	\$570.00	\$2,280.00	\$519.40	\$2,077.60	\$500.00	\$2,000.00
39	PEDESTRIAN PUSH BUTTON PLATE	2	\$18.00	EA	\$36.00	\$80.00	\$160.00	\$25.00	\$50.00	\$520.50	\$1,041.00	\$20.00	\$40.00
40	APS PPB WITH SPECIAL VOICE MESSAGE	2	\$620.00	EA	\$1,240.00	\$592.00	\$1,184.00	\$500.00	\$1,000.00	\$1,120.70	\$2,241.40	\$600.00	\$1,200.00
41	CENTRAL CONTROLLER UNIT APS	1	\$3,500.00	EA	\$3,500.00	\$4,364.00	\$4,364.00	\$4,000.00	\$4,000.00	\$4,537.30	\$4,537.30	\$3,800.00	\$3,800.00
42	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$12,349.00	\$12,349.00	\$14,274.00	\$14,274.00
43	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$525.00	\$1,050.00	\$500.00	\$1,000.00	\$1,912.30	\$3,824.60	\$250.00	\$500.00
44	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$2,482.30	\$4,964.60	\$500.00	\$1,000.00
45	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
46	CONCRETE REMOVAL (NON-REINFORCED)	15	\$525.00	CY	\$7,875.00	\$342.00	\$5,130.00	\$460.00	\$6,900.00	\$342.00	\$5,130.00	\$260.00	\$3,900.00
47	UNCLASSIFIED EXCAVATION	21	\$465.00	CY	\$9,765.00	\$342.00	\$7,182.00	\$460.00	\$9,660.00	\$342.00	\$7,182.00	\$225.00	\$4,725.00
48	CRUSHED MISCELLANEOUS BASE	19	\$390.00	CY	\$7,410.00	\$427.00	\$8,113.00	\$517.50	\$9,832.50	\$427.50	\$8,122.50	\$230.00	\$4,370.00
49	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	1	\$450.00	CY	\$450.00	\$2,163.00	\$2,163.00	\$575.00	\$575.00	\$2,166.00	\$2,166.00	\$1,050.00	\$1,050.00
50	AC PAVEMENT(PATCH BACK)	2	\$820.00	TON	\$1,640.00	\$1,594.00	\$3,188.00	\$517.50	\$1,035.00	\$1,596.00	\$3,192.00	\$750.00	\$1,500.00
51	PCC CURB & GUTTER, TYPE A2-8	64	\$70.00	LF	\$4,480.00	\$51.00	\$3,264.00	\$80.50	\$5,152.00	\$50.20	\$3,212.80	\$87.00	\$5,568.00
52	PCC CURB & GUTTER, TYPE A2-VAR	7	\$53.00	LF	\$371.00	\$51.00	\$357.00	\$80.50	\$563.50	\$50.20	\$351.40	\$92.00	\$644.00
53	COLORED PCC CURB RAMPS, 4" THICK	6	\$750.00	CY	\$4,500.00	\$1,024.00	\$6,144.00	\$1,610.00	\$9,660.00	\$1,026.00	\$6,156.00	\$1,150.00	\$6,900.00

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(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
54	COLORED PCC DRIVES, 6" THICK	230	\$10.00	SF	\$2,300.00	\$12.00	\$2,760.00	\$11.50	\$2,645.00	\$11.40	\$2,622.00	\$20.00	\$4,600.00
55	COLORED PCC WALK, 4" THICK	94	\$8.00	SF	\$752.00	\$8.00	\$752.00	\$17.25	\$1,621.50	\$8.00	\$752.00	\$18.00	\$1,692.00
56	DETECTABLE WARNING SURFACE	30	\$50.00	SF	\$1,500.00	\$57.00	\$1,710.00	\$57.50	\$1,725.00	\$57.00	\$1,710.00	\$69.00	\$2,070.00
57	2" CONDUIT (SCH 80 PVC)	20	\$40.00	LF	\$800.00	\$80.00	\$1,600.00	\$80.00	\$1,600.00	\$68.60	\$1,372.00	\$30.00	\$600.00
58	3" CONDUIT (SCH 80 PVC)	160	\$50.00	LF	\$8,000.00	\$45.00	\$7,200.00	\$65.00	\$10,400.00	\$94.40	\$15,104.00	\$50.00	\$8,000.00
59	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	165	\$3.50	LF	\$577.50	\$2.20	\$363.00	\$2.50	\$412.50	\$4.30	\$709.50	\$8.00	\$1,320.00
60	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	67	\$5.00	LF	\$335.00	\$6.70	\$448.90	\$2.90	\$194.30	\$4.40	\$294.80	\$10.00	\$670.00
61	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	285	\$5.00	LF	\$1,425.00	\$4.40	\$1,254.00	\$3.30	\$940.50	\$4.90	\$1,396.50	\$14.00	\$3,990.00
62	WIRE #6	20	\$2.00	LF	\$40.00	\$10.00	\$200.00	\$10.00	\$200.00	\$4.10	\$82.00	\$3.00	\$60.00
63	WIRE #10	610	\$1.50	LF	\$915.00	\$1.00	\$610.00	\$2.10	\$1,281.00	\$3.80	\$2,318.00	\$2.50	\$1,525.00
64	NO. 6 PULL BOX INCL PCC COVER	5	\$750.00	EA	\$3,750.00	\$800.00	\$4,000.00	\$650.00	\$3,250.00	\$1,370.60	\$6,853.00	\$700.00	\$3,500.00
65	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$2,520.00	\$2,520.00	\$2,500.00	\$2,500.00	\$4,829.70	\$4,829.70	\$2,000.00	\$2,000.00
66	GPS UTB UNIT AND ANTENNA	1	\$1,200.00	EA	\$1,200.00	\$1,653.00	\$1,653.00	\$1,500.00	\$1,500.00	\$1,926.80	\$1,926.80	\$1,200.00	\$1,200.00
67	SWITCH PACK	3	\$85.00	EA	\$255.00	\$80.00	\$240.00	\$50.00	\$150.00	\$43.70	\$131.10	\$40.00	\$120.00
68	PED ISOLATION MODULE	1	\$125.00	EA	\$125.00	\$170.00	\$170.00	\$60.00	\$60.00	\$69.50	\$69.50	\$60.00	\$60.00
69	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$18,338.00	\$18,338.00	\$17,300.00	\$17,300.00	\$14,952.60	\$14,952.60	\$15,000.00	\$15,000.00
70	TYPE 332 CABINET FOUNDATION	1	\$2,475.00	EA	\$2,475.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$759.40	\$759.40	\$4,500.00	\$4,500.00
71	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,870.00	\$3,870.00	\$2,700.00	\$2,700.00	\$3,282.90	\$3,282.90	\$3,000.00	\$3,000.00
72	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$745.90	\$745.90	\$3,500.00	\$3,500.00

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
73	TYPE 1 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$1,000.00	\$2,000.00	\$1,300.00	\$2,600.00	\$670.00	\$1,340.00	\$1,000.00	\$2,000.00
74	TYPE 19 STANDARD	1	\$6,300.00	EA	\$6,300.00	\$8,480.00	\$8,480.00	\$8,155.00	\$8,155.00	\$7,648.70	\$7,648.70	\$7,500.00	\$7,500.00
75	TYPE 19 STANDARD WITH MODIFIED 23' HIGH POLE	1	\$6,300.00	EA	\$6,300.00	\$8,480.00	\$8,480.00	\$8,155.00	\$8,155.00	\$7,648.70	\$7,648.70	\$7,500.00	\$7,500.00
76	TYPE 1 STANDARD FOUNDATION	2	\$1,200.00	EA	\$2,400.00	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00	\$739.80	\$1,479.60	\$1,500.00	\$3,000.00
77	TYPE 19 STANDARD FOUNDATION	2	\$4,400.00	EA	\$8,800.00	\$4,402.00	\$8,804.00	\$4,000.00	\$8,000.00	\$3,650.20	\$7,300.40	\$8,000.00	\$16,000.00
78	25' SIGNAL MAST ARM	1	\$2,200.00	EA	\$2,200.00	\$2,427.00	\$2,427.00	\$2,655.00	\$2,655.00	\$2,189.00	\$2,189.00	\$1,800.00	\$1,800.00
79	30' SIGNAL MAST ARM	1	\$2,250.00	EA	\$2,250.00	\$2,473.00	\$2,473.00	\$2,670.00	\$2,670.00	\$2,231.90	\$2,231.90	\$1,800.00	\$1,800.00
80	12' LUMINAIRE MAST ARM	1	\$375.00	EA	\$375.00	\$855.00	\$855.00	\$650.00	\$650.00	\$469.80	\$469.80	\$500.00	\$500.00
81	12' HORIZONTAL LUMINAIRE MAST ARM	1	\$400.00	EA	\$400.00	\$634.00	\$634.00	\$650.00	\$650.00	\$469.80	\$469.80	\$500.00	\$500.00
82	LED LUMINAIRES (150W HPS EQUIVALENT)	2	\$550.00	EA	\$1,100.00	\$621.00	\$1,242.00	\$570.00	\$1,140.00	\$662.70	\$1,325.40	\$500.00	\$1,000.00
83	3-12" LED VEHICLE HEAD (COMPLETE)	6	\$525.00	EA	\$3,150.00	\$930.00	\$5,580.00	\$918.00	\$5,508.00	\$913.20	\$5,479.20	\$800.00	\$4,800.00
84	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	2	\$430.00	EA	\$860.00	\$674.00	\$1,348.00	\$635.00	\$1,270.00	\$758.20	\$1,516.40	\$600.00	\$1,200.00
85	PEDESTRIAN PUSH BUTTON PLATE	2	\$18.00	EA	\$36.00	\$251.00	\$502.00	\$313.00	\$626.00	\$210.00	\$420.00	\$200.00	\$400.00
86	INTELLICROSS APS	2	\$2,000.00	EA	\$4,000.00	\$4,340.00	\$8,680.00	\$4,250.00	\$8,500.00	\$4,523.80	\$9,047.60	\$3,500.00	\$7,000.00
87	RETROREFLECTIVE STREET NAME SIGN	2	\$1,000.00	EA	\$2,000.00	\$1,308.00	\$2,616.00	\$1,750.00	\$3,500.00	\$1,401.30	\$2,802.60	\$1,200.00	\$2,400.00
88	2-CAMERA VIDEO/RADAR DETECTION SYSTEM (COMPLETE)	1	\$19,300.00	EA	\$19,300.00	\$28,000.00	\$28,000.00	\$24,230.00	\$24,230.00	\$22,713.40	\$22,713.40	\$12,000.00	\$12,000.00
89	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$12,349.00	\$12,349.00	\$7,200.00	\$7,200.00
90	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$525.00	\$1,050.00	\$500.00	\$1,000.00	\$570.00	\$1,140.00	\$250.00	\$500.00
91	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$1,140.00	\$2,280.00	\$500.00	\$1,000.00
92	TEMPORARY SIGN	4	\$100.00	EA	\$400.00	\$800.00	\$3,200.00	\$200.00	\$800.00	\$570.00	\$2,280.00	\$250.00	\$1,000.00

Project Name: 1st Street at Herbert Avenue, Traffic Signals, et al.
Project ID: TDS0001562
Bids Opened: 8/14/2018
Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Engineering, Inc.		(3) Aldridge		(4) P T M General Engineering Services, Inc.	
(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
93	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
94	CONCRETE REMOVAL (NON-REINFORCED)	14	\$525.00	CY	\$7,350.00	\$342.00	\$4,788.00	\$460.00	\$6,440.00	\$342.00	\$4,788.00	\$334.00	\$4,676.00
95	UNCLASSIFIED EXCAVATION	22	\$465.00	CY	\$10,230.00	\$342.00	\$7,524.00	\$460.00	\$10,120.00	\$342.00	\$7,524.00	\$260.00	\$5,720.00
96	CRUSHED MISCELLANEOUS BASE	14	\$390.00	CY	\$5,460.00	\$387.00	\$5,418.00	\$517.50	\$7,245.00	\$387.60	\$5,426.40	\$144.00	\$2,016.00
97	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	5	\$450.00	CY	\$2,250.00	\$433.00	\$2,165.00	\$575.00	\$2,875.00	\$433.20	\$2,166.00	\$1,050.00	\$5,250.00
98	AC PAVEMENT(PATCH BACK)	8	\$820.00	TON	\$6,560.00	\$399.00	\$3,192.00	\$517.50	\$4,140.00	\$399.00	\$3,192.00	\$750.00	\$6,000.00
99	PCC CURB & GUTTER, TYPE A2-VAR	96	\$53.00	LF	\$5,088.00	\$51.00	\$4,896.00	\$80.50	\$7,728.00	\$50.20	\$4,819.20	\$98.00	\$9,408.00
100	PCC CURB RAMPS	7	\$865.00	CY	\$6,055.00	\$1,025.00	\$7,175.00	\$1,610.00	\$11,270.00	\$1,026.00	\$7,182.00	\$1,050.00	\$7,350.00
101	DETECTABLE WARNING SURFACE	60	\$50.00	SF	\$3,000.00	\$48.00	\$2,880.00	\$57.50	\$3,450.00	\$47.90	\$2,874.00	\$69.00	\$4,140.00
102	1" CONDUIT (SCH 80 PVC)	10	\$30.00	LF	\$300.00	\$100.00	\$1,000.00	\$60.00	\$600.00	\$556.20	\$5,562.00	\$30.00	\$300.00
103	2" CONDUIT (SCH 80 PVC)	622	\$40.00	LF	\$24,880.00	\$30.00	\$18,660.00	\$45.00	\$27,990.00	\$12.20	\$7,588.40	\$35.00	\$21,770.00
104	3" CONDUIT (SCH 80 PVC)	360	\$50.00	LF	\$18,000.00	\$45.00	\$16,200.00	\$45.00	\$16,200.00	\$68.70	\$24,732.00	\$40.00	\$14,400.00
105	2-PAIR DETECTOR LEAD-IN CABLE	1480	\$2.00	LF	\$2,960.00	\$1.20	\$1,776.00	\$2.10	\$3,108.00	\$1.50	\$2,220.00	\$3.00	\$4,440.00
106	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1133	\$3.50	LF	\$3,965.50	\$1.90	\$2,152.70	\$1.95	\$2,209.35	\$1.70	\$1,926.10	\$8.00	\$9,064.00
107	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	42	\$5.00	LF	\$210.00	\$6.00	\$252.00	\$8.00	\$336.00	\$2.20	\$92.40	\$10.00	\$420.00
108	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1176	\$5.00	LF	\$5,880.00	\$4.30	\$5,056.80	\$2.80	\$3,292.80	\$2.70	\$3,175.20	\$14.00	\$16,464.00
109	WIRE # 6	580	\$2.00	LF	\$1,160.00	\$1.20	\$696.00	\$2.50	\$1,450.00	\$1.90	\$1,102.00	\$3.00	\$1,740.00
110	WIRE #10	2050	\$1.50	LF	\$3,075.00	\$1.00	\$2,050.00	\$1.80	\$3,690.00	\$1.50	\$3,075.00	\$2.50	\$5,125.00
111	NO. 5 PULL BOX INCL PCC COVER	3	\$625.00	EA	\$1,875.00	\$710.00	\$2,130.00	\$650.00	\$1,950.00	\$1,153.80	\$3,461.40	\$500.00	\$1,500.00

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Project ID: TDS0001562
Bids Opened: 8/14/2018
Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

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(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
112	NO. 6 PULL BOX INCL PCC COVER	9	\$750.00	EA	\$6,750.00	\$800.00	\$7,200.00	\$650.00	\$5,850.00	\$1,370.60	\$12,335.40	\$650.00	\$5,850.00
113	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	630	\$9.00	LF	\$5,670.00	\$11.00	\$6,930.00	\$7.50	\$4,725.00	\$8.60	\$5,418.00	\$10.20	\$6,426.00
114	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$2,520.00	\$2,520.00	\$2,500.00	\$2,500.00	\$4,829.70	\$4,829.70	\$2,000.00	\$2,000.00
115	GPS UTB UNIT AND ANTENNA	1	\$1,200.00	EA	\$1,200.00	\$1,468.00	\$1,468.00	\$1,500.00	\$1,500.00	\$1,926.80	\$1,926.80	\$1,100.00	\$1,100.00
116	SWITCH PACK	8	\$85.00	EA	\$680.00	\$80.00	\$640.00	\$45.00	\$360.00	\$43.70	\$349.60	\$40.00	\$320.00
117	PED ISOLATION MODULE	2	\$125.00	EA	\$250.00	\$170.00	\$340.00	\$60.00	\$120.00	\$69.50	\$139.00	\$60.00	\$120.00
118	2-CHANNEL ILD SENSOR UNIT	5	\$120.00	EA	\$600.00	\$160.00	\$800.00	\$125.00	\$625.00	\$105.00	\$525.00	\$100.00	\$500.00
119	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$18,338.00	\$18,338.00	\$17,300.00	\$17,300.00	\$14,952.60	\$14,952.60	\$15,000.00	\$15,000.00
120	TYPE 332 CABINET FOUNDATION	1	\$2,475.00	EA	\$2,475.00	\$1,300.00	\$1,300.00	\$1,500.00	\$1,500.00	\$759.40	\$759.40	\$4,500.00	\$4,500.00
121	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,867.00	\$3,867.00	\$3,000.00	\$3,000.00	\$3,282.90	\$3,282.90	\$3,000.00	\$3,000.00
122	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$745.90	\$745.90	\$3,500.00	\$3,500.00
123	TYPE 1 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$1,000.00	\$2,000.00	\$1,300.00	\$2,600.00	\$670.00	\$1,340.00	\$1,000.00	\$2,000.00
124	TYPE 15 STANDARD	2	\$2,000.00	EA	\$4,000.00	\$2,805.00	\$5,610.00	\$2,890.00	\$5,780.00	\$2,465.80	\$4,931.60	\$2,300.00	\$4,600.00
125	TYPE 15TS STANDARD WITH MODIFIED 23' HIGH POLE	2	\$2,100.00	EA	\$4,200.00	\$2,805.00	\$5,610.00	\$2,890.00	\$5,780.00	\$2,465.80	\$4,931.60	\$2,300.00	\$4,600.00
126	TYPE 24 STANDARD	1	\$6,300.00	EA	\$6,300.00	\$9,329.00	\$9,329.00	\$8,838.00	\$8,838.00	\$8,607.80	\$8,607.80	\$8,000.00	\$8,000.00
127	TYPE 24 STANDARD WITH MODIFIED 23' HIGH POLE	1	\$7,050.00	EA	\$7,050.00	\$9,329.00	\$9,329.00	\$8,838.00	\$8,838.00	\$8,607.80	\$8,607.80	\$8,000.00	\$8,000.00
128	TYPE 1 STANDARD FOUNDATION	2	\$1,200.00	EA	\$2,400.00	\$1,000.00	\$2,000.00	\$1,800.00	\$3,600.00	\$739.80	\$1,479.60	\$1,500.00	\$3,000.00
129	TYPE 15 STANDARD FOUNDATION	4	\$2,400.00	EA	\$9,600.00	\$2,210.00	\$8,840.00	\$2,400.00	\$9,600.00	\$2,049.20	\$8,196.80	\$2,000.00	\$8,000.00
130	TYPE 24 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$4,846.00	\$9,692.00	\$4,000.00	\$8,000.00	\$5,095.60	\$10,191.20	\$8,000.00	\$16,000.00
131	25' SIGNAL MAST ARM	2	\$2,200.00	EA	\$4,400.00	\$3,386.00	\$6,772.00	\$3,600.00	\$7,200.00	\$3,083.30	\$6,166.60	\$2,700.00	\$5,400.00

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Bids Opened: 8/14/2018
Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate					(1) Elecnor Belco Electric, Inc.		(2) California Professional Engineering, Inc.		(3) Aldridge		(4) P T M General Engineering Services, Inc.		
(1) Preliminary Bid Amount					\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00		
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
132	8' LUMINAIRE MAST ARM	1	\$240.00	EA	\$240.00	\$448.00	\$448.00	\$475.00	\$475.00	\$295.80	\$295.80	\$400.00	\$400.00
133	12' LUMINAIRE MAST ARM	2	\$375.00	EA	\$750.00	\$634.00	\$1,268.00	\$650.00	\$1,300.00	\$469.80	\$939.60	\$500.00	\$1,000.00
134	8' HORIZONTAL LUMINAIRE MAST ARM	1	\$245.00	EA	\$245.00	\$448.00	\$448.00	\$475.00	\$475.00	\$295.80	\$295.80	\$400.00	\$400.00
135	12' HORIZONTAL LUMINAIRE MAST ARM	2	\$400.00	EA	\$800.00	\$634.00	\$1,268.00	\$650.00	\$1,300.00	\$469.80	\$939.60	\$500.00	\$1,000.00
136	LED LUMINAIRES (150W HPS EQUIVALENT)	2	\$550.00	EA	\$1,100.00	\$731.00	\$1,462.00	\$645.00	\$1,290.00	\$662.70	\$1,325.40	\$600.00	\$1,200.00
137	LED LUMINAIRES (200W HPS EQUIVALENT)	4	\$655.00	EA	\$2,620.00	\$755.00	\$3,020.00	\$680.00	\$2,720.00	\$690.90	\$2,763.60	\$650.00	\$2,600.00
138	3-12" LED VEHICLE HEAD (COMPLETE)	10	\$525.00	EA	\$5,250.00	\$760.00	\$7,600.00	\$760.00	\$7,600.00	\$755.20	\$7,552.00	\$800.00	\$8,000.00
139	LED COUNTDOWN PED HEAD (COMPLETE)	8	\$430.00	EA	\$3,440.00	\$674.00	\$5,392.00	\$645.00	\$5,160.00	\$758.20	\$6,065.60	\$600.00	\$4,800.00
140	PEDESTRIAN PUSH BUTTON	8	\$180.00	EA	\$1,440.00	\$184.00	\$1,472.00	\$110.00	\$880.00	\$286.70	\$2,293.60	\$100.00	\$800.00
141	PEDESTRIAN PUSH BUTTON PLATE	8	\$18.00	EA	\$144.00	\$80.00	\$640.00	\$25.00	\$200.00	\$50.70	\$405.60	\$30.00	\$240.00
142	PEDESTRIAN PUSH BUTTON POST	1	\$355.00	EA	\$355.00	\$500.00	\$500.00	\$370.00	\$370.00	\$425.20	\$425.20	\$500.00	\$500.00
143	PEDESTRIAN PUSH BUTTON POST FOUNDATION	1	\$300.00	EA	\$300.00	\$800.00	\$800.00	\$500.00	\$500.00	\$597.70	\$597.70	\$900.00	\$900.00
144	APS PPB WITH SPECIAL VOICE MESSAGE	8	\$620.00	EA	\$4,960.00	\$600.00	\$4,800.00	\$587.00	\$4,696.00	\$1,120.70	\$8,965.60	\$600.00	\$4,800.00
145	CENTRAL CONTROLLER UNIT APS	1	\$3,500.00	EA	\$3,500.00	\$4,364.00	\$4,364.00	\$4,200.00	\$4,200.00	\$4,537.30	\$4,537.30	\$3,600.00	\$3,600.00
146	RETROREFLECTIVE STREET NAME SIGN	4	\$1,000.00	EA	\$4,000.00	\$1,150.00	\$4,600.00	\$1,390.00	\$5,560.00	\$1,245.80	\$4,983.20	\$1,100.00	\$4,400.00
147	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	4	\$1,300.00	EA	\$5,200.00	\$2,004.00	\$8,016.00	\$1,966.00	\$7,864.00	\$2,050.60	\$8,202.40	\$2,000.00	\$8,000.00
148	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$12,349.00	\$12,349.00	\$13,800.00	\$13,800.00
149	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$525.00	\$1,050.00	\$500.00	\$1,000.00	\$570.00	\$1,140.00	\$250.00	\$500.00
150	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$1,140.00	\$2,280.00	\$500.00	\$1,000.00

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Addenda: 0
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(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
151	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00
152	CONCRETE REMOVAL (NON-REINFORCED)	16	\$525.00	CY	\$8,400.00	\$251.00	\$4,016.00	\$460.00	\$7,360.00	\$250.80	\$4,012.80	\$334.00	\$5,344.00
153	UNCLASSIFIED EXCAVATION	51	\$465.00	CY	\$23,715.00	\$251.00	\$12,801.00	\$460.00	\$23,460.00	\$250.80	\$12,790.80	\$260.00	\$13,260.00
154	CRUSHED MISCELLANEOUS BASE	36	\$390.00	CY	\$14,040.00	\$308.00	\$11,088.00	\$517.50	\$18,630.00	\$307.80	\$11,080.80	\$144.00	\$5,184.00
155	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	3	\$450.00	CY	\$1,350.00	\$717.00	\$2,151.00	\$575.00	\$1,725.00	\$718.20	\$2,154.60	\$1,050.00	\$3,150.00
156	AC PAVEMENT(PATCH BACK)	25	\$820.00	TON	\$20,500.00	\$342.00	\$8,550.00	\$517.50	\$12,937.50	\$342.00	\$8,550.00	\$580.00	\$14,500.00
157	PCC CURB, TYPE A1-8	8	\$100.00	LF	\$800.00	\$38.00	\$304.00	\$80.50	\$644.00	\$37.60	\$300.80	\$104.00	\$832.00
158	PCC CURB, TYPE A1-VAR	25	\$60.00	LF	\$1,500.00	\$38.00	\$950.00	\$80.50	\$2,012.50	\$37.60	\$940.00	\$87.00	\$2,175.00
159	PCC CURB & GUTTER, TYPE A2-8	43	\$70.00	LF	\$3,010.00	\$51.00	\$2,193.00	\$80.50	\$3,461.50	\$50.20	\$2,158.60	\$98.00	\$4,214.00
160	PCC CURB & GUTTER, TYPE A2-VAR	42	\$53.00	LF	\$2,226.00	\$51.00	\$2,142.00	\$80.50	\$3,381.00	\$50.20	\$2,108.40	\$92.00	\$3,864.00
161	PCC GUTTER, 2' WIDE	47	\$50.00	LF	\$2,350.00	\$44.00	\$2,068.00	\$80.50	\$3,783.50	\$43.30	\$2,035.10	\$58.00	\$2,726.00
162	PCC CURB RAMPS	8	\$865.00	CY	\$6,920.00	\$911.00	\$7,288.00	\$1,610.00	\$12,880.00	\$912.00	\$7,296.00	\$1,050.00	\$8,400.00
163	DETECTABLE WARNING SURFACE	63	\$50.00	SF	\$3,150.00	\$48.00	\$3,024.00	\$57.50	\$3,622.50	\$47.90	\$3,017.70	\$69.00	\$4,347.00
164	2" CONDUIT (SCH 80 PVC)	80	\$40.00	LF	\$3,200.00	\$40.00	\$3,200.00	\$50.00	\$4,000.00	\$31.90	\$2,552.00	\$50.00	\$4,000.00
165	3" CONDUIT (SCH 80 PVC)	430	\$50.00	LF	\$21,500.00	\$45.00	\$19,350.00	\$45.00	\$19,350.00	\$67.30	\$28,939.00	\$40.00	\$17,200.00
166	2-PAIR DETECTOR LEAD-IN CABLE	1150	\$2.00	LF	\$2,300.00	\$1.20	\$1,380.00	\$2.20	\$2,530.00	\$2.90	\$3,335.00	\$3.00	\$3,450.00
167	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$3.50	LF	\$3,500.00	\$1.80	\$1,800.00	\$1.95	\$1,950.00	\$2.80	\$2,800.00	\$8.00	\$8,000.00
168	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	350	\$5.00	LF	\$1,750.00	\$3.20	\$1,120.00	\$2.20	\$770.00	\$3.50	\$1,225.00	\$10.00	\$3,500.00
169	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1560	\$5.00	LF	\$7,800.00	\$4.30	\$6,708.00	\$2.50	\$3,900.00	\$3.60	\$5,616.00	\$13.00	\$20,280.00

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
170	WIRE #6	750	\$2.00	LF	\$1,500.00	\$1.20	\$900.00	\$1.50	\$1,125.00	\$3.20	\$2,400.00	\$3.00	\$2,250.00
171	WIRE #10	2150	\$1.50	LF	\$3,225.00	\$1.00	\$2,150.00	\$1.20	\$2,580.00	\$2.60	\$5,590.00	\$2.50	\$5,375.00
172	NO. 6 PULL BOX INCL PCC COVER	6	\$750.00	EA	\$4,500.00	\$800.00	\$4,800.00	\$650.00	\$3,900.00	\$1,370.60	\$8,223.60	\$600.00	\$3,600.00
173	REMOVE CONTROLLER CABINET COMPLETE	1	\$450.00	EA	\$450.00	\$440.00	\$440.00	\$300.00	\$300.00	\$671.20	\$671.20	\$500.00	\$500.00
174	REMOVE SERVICE CABINET (COMPLETE)	1	\$500.00	EA	\$500.00	\$440.00	\$440.00	\$200.00	\$200.00	\$671.20	\$671.20	\$500.00	\$500.00
175	REMOVE SERVICE CABINET FOUNDATION	1	\$500.00	EA	\$500.00	\$600.00	\$600.00	\$300.00	\$300.00	\$671.20	\$671.20	\$800.00	\$800.00
176	REMOVE EXISTING APS UNIT	4	\$100.00	EA	\$400.00	\$110.00	\$440.00	\$70.00	\$280.00	\$167.80	\$671.20	\$100.00	\$400.00
177	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$1,035.00	EA	\$1,035.00	\$550.00	\$550.00	\$550.00	\$550.00	\$671.20	\$671.20	\$1,000.00	\$1,000.00
178	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$1,150.00	EA	\$3,450.00	\$550.00	\$1,650.00	\$550.00	\$1,650.00	\$1,006.80	\$3,020.40	\$1,500.00	\$4,500.00
179	REMOVE TYPE 15 FOUNDATION	1	\$1,475.00	EA	\$1,475.00	\$1,100.00	\$1,100.00	\$850.00	\$850.00	\$732.40	\$732.40	\$1,500.00	\$1,500.00
180	REMOVE TYPE 17 FOUNDATION	3	\$1,450.00	EA	\$4,350.00	\$1,100.00	\$3,300.00	\$1,000.00	\$3,000.00	\$1,098.60	\$3,295.80	\$2,500.00	\$7,500.00
181	REMOVE SIGNAL 20' MAST ARM	1	\$400.00	EA	\$400.00	\$285.00	\$285.00	\$200.00	\$200.00	\$503.40	\$503.40	\$250.00	\$250.00
182	REMOVE 8' LUMINAIRE MAST ARM	3	\$200.00	EA	\$600.00	\$285.00	\$855.00	\$80.00	\$240.00	\$503.40	\$1,510.20	\$150.00	\$450.00
183	REMOVE VEHICLE HEAD (COMPLETE)	4	\$175.00	EA	\$700.00	\$110.00	\$440.00	\$125.00	\$500.00	\$83.90	\$335.60	\$100.00	\$400.00
184	REMOVE PEDESTRIAN PUSH BUTTON	4	\$80.00	EA	\$320.00	\$110.00	\$440.00	\$25.00	\$100.00	\$41.90	\$167.60	\$50.00	\$200.00
185	RELOCATE LUMINAIRE	6	\$200.00	EA	\$1,200.00	\$110.00	\$660.00	\$200.00	\$1,200.00	\$192.30	\$1,153.80	\$150.00	\$900.00
186	RELOCATE PEDESTRIAN HEAD (COMPLETE)	4	\$250.00	EA	\$1,000.00	\$330.00	\$1,320.00	\$500.00	\$2,000.00	\$605.70	\$2,422.80	\$150.00	\$600.00

Project Name: 1st Street at Herbert Avenue, Traffic Signals, et al.
Project ID: TDS0001562
Bids Opened: 8/14/2018
Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Engineering, Inc.		(3) Aldridge		(4) P T M General Engineering Services, Inc.	
(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00	
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
187	RELOCATE EXISTING CHAIN LINK FENCE	16	\$200.00	LF	\$3,200.00	\$100.00	\$1,600.00	\$50.00	\$800.00	\$171.00	\$2,736.00	\$345.00	\$5,520.00
188	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$2,520.00	\$2,520.00	\$2,700.00	\$2,700.00	\$4,829.70	\$4,829.70	\$2,000.00	\$2,000.00
189	GPS UTB UNIT AND ANTENNA	1	\$1,200.00	EA	\$1,200.00	\$1,468.00	\$1,468.00	\$1,500.00	\$1,500.00	\$1,926.80	\$1,926.80	\$1,100.00	\$1,100.00
190	SWITCH PACK	10	\$85.00	EA	\$850.00	\$80.00	\$800.00	\$45.00	\$450.00	\$43.70	\$437.00	\$40.00	\$400.00
191	PED ISOLATION MODULE	2	\$125.00	EA	\$250.00	\$170.00	\$340.00	\$60.00	\$120.00	\$69.50	\$139.00	\$60.00	\$120.00
192	2-CHANNEL ILD SENSOR UNIT	3	\$120.00	EA	\$360.00	\$160.00	\$480.00	\$125.00	\$375.00	\$105.00	\$315.00	\$100.00	\$300.00
193	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$18,338.00	\$18,338.00	\$17,300.00	\$17,300.00	\$14,952.60	\$14,952.60	\$15,000.00	\$15,000.00
194	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,867.00	\$3,867.00	\$3,000.00	\$3,000.00	\$3,282.90	\$3,282.90	\$3,000.00	\$3,000.00
195	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$745.90	\$745.90	\$3,500.00	\$3,500.00
196	TYPE 26 STANDARD	3	\$6,750.00	EA	\$20,250.00	\$10,444.00	\$31,332.00	\$10,000.00	\$30,000.00	\$9,649.10	\$28,947.30	\$8,000.00	\$24,000.00
197	TYPE 29 STANDARD	1	\$8,000.00	EA	\$8,000.00	\$12,683.00	\$12,683.00	\$12,685.00	\$12,685.00	\$11,737.70	\$11,737.70	\$11,000.00	\$11,000.00
198	TYPE 26 STANDARD FOUNDATION	3	\$6,250.00	EA	\$18,750.00	\$5,140.00	\$15,420.00	\$4,500.00	\$13,500.00	\$4,762.50	\$14,287.50	\$7,000.00	\$21,000.00
199	TYPE 29 STANDARD FOUNDATION	1	\$5,500.00	EA	\$5,500.00	\$5,200.00	\$5,200.00	\$5,000.00	\$5,000.00	\$4,963.30	\$4,963.30	\$8,000.00	\$8,000.00
200	30' SIGNAL MAST ARM	3	\$2,250.00	EA	\$6,750.00	\$3,618.00	\$10,854.00	\$4,275.00	\$12,825.00	\$3,132.30	\$9,396.90	\$2,800.00	\$8,400.00
201	50' SIGNAL MAST ARM	1	\$4,000.00	EA	\$4,000.00	\$4,065.00	\$4,065.00	\$5,000.00	\$5,000.00	\$3,716.60	\$3,716.60	\$3,000.00	\$3,000.00
202	12' LUMINAIRE MAST ARM	6	\$375.00	EA	\$2,250.00	\$634.00	\$3,804.00	\$650.00	\$3,900.00	\$469.80	\$2,818.80	\$500.00	\$3,000.00
203	15' LUMINAIRE MAST ARM	1	\$550.00	EA	\$550.00	\$730.00	\$730.00	\$725.00	\$725.00	\$559.20	\$559.20	\$500.00	\$500.00
204	LED LUMINAIRES (150W HPS EQUIVALENT)	1	\$550.00	EA	\$550.00	\$731.00	\$731.00	\$645.00	\$645.00	\$662.70	\$662.70	\$600.00	\$600.00
205	3-12" LED VEHICLE HEAD (COMPLETE)	10	\$525.00	EA	\$5,250.00	\$700.00	\$7,000.00	\$760.00	\$7,600.00	\$698.80	\$6,988.00	\$800.00	\$8,000.00
206	5-12" LED VEHICLE HEAD (COMPLETE)	4	\$750.00	EA	\$3,000.00	\$1,107.00	\$4,428.00	\$1,235.00	\$4,940.00	\$1,078.60	\$4,314.40	\$900.00	\$3,600.00
207	PEDESTRIAN PUSH BUTTON PLATE	8	\$18.00	EA	\$144.00	\$80.00	\$640.00	\$25.00	\$200.00	\$50.70	\$405.60	\$20.00	\$160.00

Project Name: 1st Street at Herbert Avenue, Traffic Signals, et al.
Project ID: TDS0001562
Bids Opened: 8/14/2018
Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate						(1) Elecnor Belco Electric, Inc.		(2) California Professional Engineering, Inc.		(3) Aldridge		(4) P T M General Engineering Services, Inc.		
(1) Preliminary Bid Amount						\$1,003,850.99		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00		
(2) Unit Price Detail														
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
208	APS PPB WITH SPECIAL VOICE MESSAGE	8	\$620.00	EA	\$4,960.00	\$600.00	\$4,800.00	\$587.00	\$4,696.00	\$1,120.70	\$8,965.60	\$600.00	\$4,800.00	
209	CENTRAL CONTROLLER UNIT APS	1	\$3,500.00	EA	\$3,500.00	\$4,400.00	\$4,400.00	\$4,200.00	\$4,200.00	\$4,537.30	\$4,537.30	\$3,800.00	\$3,800.00	
210	RETROREFLECTIVE STREET NAME SIGN	4	\$1,000.00	EA	\$4,000.00	\$1,150.00	\$4,600.00	\$1,390.00	\$5,560.00	\$1,177.20	\$4,708.80	\$1,100.00	\$4,400.00	
211	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	4	\$1,300.00	EA	\$5,200.00	\$2,004.00	\$8,016.00	\$1,966.00	\$7,864.00	\$2,050.60	\$8,202.40	\$2,000.00	\$8,000.00	
212	4-CAMERA VIDEO/RADAR DETECTION SYSTEM (COMPLETE)	1	\$30,000.00	EA	\$30,000.00	\$47,000.00	\$47,000.00	\$44,900.00	\$44,900.00	\$47,117.40	\$47,117.40	\$30,000.00	\$30,000.00	
213	DC ISOLATOR FOR MICROWAVE SENSOR	1	\$100.00	EA	\$100.00	\$120.00	\$120.00	\$70.00	\$70.00	\$388.30	\$388.30	\$60.00	\$60.00	
214	TEMPORARY CONTROLLER	1	\$1,200.00	EA	\$1,200.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00	\$3,355.90	\$3,355.90	\$1,000.00	\$1,000.00	
215	TEMPORARY TYPE 15TS STANDARD	1	\$1,900.00	EA	\$1,900.00	\$2,500.00	\$2,500.00	\$2,800.00	\$2,800.00	\$2,684.70	\$2,684.70	\$1,000.00	\$1,000.00	
216	TEMPORARY TYPE 17 STANDARD	1	\$2,650.00	EA	\$2,650.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$2,684.70	\$2,684.70	\$1,000.00	\$1,000.00	
217	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$9,000.00	\$9,000.00	\$10,000.00	\$10,000.00	\$12,349.00	\$12,349.00	\$20,000.00	\$20,000.00	
218	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$525.00	\$1,050.00	\$500.00	\$1,000.00	\$570.00	\$1,140.00	\$250.00	\$500.00	
219	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00	\$1,140.00	\$2,280.00	\$500.00	\$1,000.00	
Unit Price Total					\$1,001,727.00	\$1,003,851.00		\$1,070,134.15		\$1,076,542.00		\$1,080,573.00		
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00		\$50,192.55		\$0.00		\$0.00	
(4) LSBE Adjusted Amount							\$1,003,851.00		\$1,019,941.60		\$1,076,542.00		\$1,080,573.00	
Comments						APPARENT LOW BIDDER								



County of Los Angeles Department of Public Works
Construction Division
BID SUMMARY
(sorted by Unit Price Total)

Project Name: 1st Street at Herbert Avenue, Traffic Signals, et al.

Project ID: TDS0001562

Bids Opened: 8/14/2018

Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate						(5) Comet Electric, Inc.		(6) DBX, Inc.		(7) Alfaro Communications Construction, Inc.			
(1) Preliminary Bid Amount						\$1,126,178.00		\$1,142,495.00		\$1,223,560.80			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	CONSTRUCTION SCHEDULE (BASELINE) (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00		
2	CONSTRUCTION SCHEDULE (UPDATE) (STIPULATED UNIT PRICE OF \$500/MONTH)	4	\$500.00	MTH	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00		
3	CONSTRUCTION SCHEDULE (AS-BUILT) (STIPULATED UNIT PRICE OF \$2,000)	1	\$2,000.00	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00		
4	MOBILIZATION	1	\$24,000.00	LS	\$24,000.00	\$25,000.00	\$25,000.00	\$12,000.00	\$12,000.00	\$4,550.00	\$4,550.00		
5	EXPLORATORY EXCAVATION OF UTILITIES (ALLOWANCE OF \$75,000)	75000	\$1.00	AL	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00		
6	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
7	CONCRETE REMOVAL (NON-REINFORCED)	5	\$525.00	CY	\$2,625.00	\$649.00	\$3,245.00	\$300.00	\$1,500.00	\$520.00	\$2,600.00		
8	UNCLASSIFIED EXCAVATION	8	\$465.00	CY	\$3,720.00	\$649.00	\$5,192.00	\$250.00	\$2,000.00	\$104.00	\$832.00		
9	CRUSHED MISCELLANEOUS BASE	6	\$390.00	CY	\$2,340.00	\$490.00	\$2,940.00	\$210.00	\$1,260.00	\$78.00	\$468.00		
10	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	2	\$450.00	CY	\$900.00	\$1,152.00	\$2,304.00	\$1,000.00	\$2,000.00	\$562.00	\$1,124.00		
11	AC PAVEMENT(PATCH BACK)	3	\$820.00	TON	\$2,460.00	\$1,140.00	\$3,420.00	\$1,000.00	\$3,000.00	\$975.00	\$2,925.00		

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Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate					(5) Comet Electric, Inc.		(6) DBX, Inc.		(7) Alfaro Communications Construction, Inc.				
(1) Preliminary Bid Amount					\$1,126,178.00		\$1,142,495.00		\$1,223,560.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
12	PCC CURB & GUTTER, TYPE A2-VAR	31	\$53.00	LF	\$1,643.00	\$41.00	\$1,271.00	\$90.00	\$2,790.00	\$85.00	\$2,635.00		
13	PCC CURB RAMPS	3	\$865.00	CY	\$2,595.00	\$1,960.00	\$5,880.00	\$1,200.00	\$3,600.00	\$1,170.00	\$3,510.00		
14	DETECTABLE WARNING SURFACE	33	\$50.00	SF	\$1,650.00	\$59.00	\$1,947.00	\$70.00	\$2,310.00	\$45.00	\$1,485.00		
15	2" CONDUIT (SCH 80 PVC)	80	\$40.00	LF	\$3,200.00	\$38.00	\$3,040.00	\$35.00	\$2,800.00	\$84.00	\$6,720.00		
16	3" CONDUIT (SCH 80 PVC)	112	\$50.00	LF	\$5,600.00	\$88.00	\$9,856.00	\$90.00	\$10,080.00	\$90.00	\$10,080.00		
17	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	112	\$3.50	LF	\$392.00	\$2.50	\$280.00	\$10.00	\$1,120.00	\$9.00	\$1,008.00		
18	8-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	368	\$4.00	LF	\$1,472.00	\$4.00	\$1,472.00	\$30.00	\$11,040.00	\$14.00	\$5,152.00		
19	WIRE #6	250	\$2.00	LF	\$500.00	\$1.30	\$325.00	\$4.00	\$1,000.00	\$12.00	\$3,000.00		
20	WIRE #10	560	\$1.50	LF	\$840.00	\$1.35	\$756.00	\$4.00	\$2,240.00	\$8.00	\$4,480.00		
21	NO. 5 PULL BOX INCL PCC COVER	1	\$625.00	EA	\$625.00	\$500.00	\$500.00	\$500.00	\$500.00	\$1,560.00	\$1,560.00		
22	NO. 6 PULL BOX INCL PCC COVER	3	\$750.00	EA	\$2,250.00	\$1,800.00	\$5,400.00	\$550.00	\$1,650.00	\$1,690.00	\$5,070.00		
23	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$3,569.00	\$3,569.00	\$2,300.00	\$2,300.00	\$2,980.00	\$2,980.00		
24	SWITCH PACK	1	\$85.00	EA	\$85.00	\$297.00	\$297.00	\$30.00	\$30.00	\$37.00	\$37.00		
25	PED ISOLATION MODULE	1	\$125.00	EA	\$125.00	\$295.00	\$295.00	\$60.00	\$60.00	\$73.00	\$73.00		
26	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$15,000.00	\$15,000.00	\$15,500.00	\$15,500.00	\$24,122.00	\$24,122.00		
27	TYPE 332 CABINET FOUNDATION	1	\$2,475.00	EA	\$2,475.00	\$3,268.00	\$3,268.00	\$3,500.00	\$3,500.00	\$2,650.00	\$2,650.00		
28	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,610.00	\$3,610.00	\$3,500.00	\$3,500.00	\$4,053.00	\$4,053.00		
29	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$3,225.00	\$3,225.00	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00		
30	TYPE 24 STANDARD	1	\$6,300.00	EA	\$6,300.00	\$9,828.00	\$9,828.00	\$7,000.00	\$7,000.00	\$13,516.00	\$13,516.00		
31	TYPE 24 STANDARD WITH MODIFIED 23' HIGH POLE	1	\$7,050.00	EA	\$7,050.00	\$9,828.00	\$9,828.00	\$7,000.00	\$7,000.00	\$13,516.00	\$13,516.00		
32	TYPE 24 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$4,900.00	\$9,800.00	\$14,054.00	\$28,108.00	\$6,363.00	\$12,726.00		
33	25' SIGNAL MAST ARM	1	\$2,200.00	EA	\$2,200.00	\$3,392.00	\$3,392.00	\$3,000.00	\$3,000.00	\$4,464.00	\$4,464.00		
34	35' SIGNAL MAST ARM	1	\$2,300.00	EA	\$2,300.00	\$3,511.00	\$3,511.00	\$3,000.00	\$3,000.00	\$4,464.00	\$4,464.00		

Project Name: 1st Street at Herbert Avenue, Traffic Signals, et al.
Project ID: TDS0001562
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Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate						(5) Comet Electric, Inc.		(6) DBX, Inc.		(7) Alfaro Communications Construction, Inc.			
(1) Preliminary Bid Amount						\$1,126,178.00		\$1,142,495.00		\$1,223,560.80			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
35	12' LUMINAIRE MAST ARM	1	\$375.00	EA	\$375.00	\$800.00	\$800.00	\$450.00	\$450.00	\$730.00	\$730.00		
36	12' HORIZONTAL LUMINAIRE MAST ARM	1	\$400.00	EA	\$400.00	\$860.00	\$860.00	\$450.00	\$450.00	\$860.00	\$860.00		
37	LED LUMINAIRES (150W HPS EQUIVALENT)	2	\$550.00	EA	\$1,100.00	\$956.00	\$1,912.00	\$550.00	\$1,100.00	\$760.00	\$1,520.00		
38	1-12" LED YELLOW FLASHER	4	\$700.00	EA	\$2,800.00	\$665.00	\$2,660.00	\$400.00	\$1,600.00	\$682.00	\$2,728.00		
39	PEDESTRIAN PUSH BUTTON PLATE	2	\$18.00	EA	\$36.00	\$138.00	\$276.00	\$20.00	\$40.00	\$37.00	\$74.00		
40	APS PPB WITH SPECIAL VOICE MESSAGE	2	\$620.00	EA	\$1,240.00	\$746.00	\$1,492.00	\$550.00	\$1,100.00	\$950.00	\$1,900.00		
41	CENTRAL CONTROLLER UNIT APS	1	\$3,500.00	EA	\$3,500.00	\$4,525.00	\$4,525.00	\$4,000.00	\$4,000.00	\$5,366.00	\$5,366.00		
42	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$8,940.00	\$8,940.00	\$5,000.00	\$5,000.00	\$4,550.00	\$4,550.00		
43	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$745.00	\$1,490.00	\$1,500.00	\$3,000.00	\$780.00	\$1,560.00		
44	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,100.00	\$2,200.00	\$2,500.00	\$5,000.00	\$1,560.00	\$3,120.00		
45	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
46	CONCRETE REMOVAL (NON-REINFORCED)	15	\$525.00	CY	\$7,875.00	\$370.00	\$5,550.00	\$240.00	\$3,600.00	\$390.00	\$5,850.00		
47	UNCLASSIFIED EXCAVATION	21	\$465.00	CY	\$9,765.00	\$370.00	\$7,770.00	\$210.00	\$4,410.00	\$104.00	\$2,184.00		
48	CRUSHED MISCELLANEOUS BASE	19	\$390.00	CY	\$7,410.00	\$460.00	\$8,740.00	\$220.00	\$4,180.00	\$78.00	\$1,482.00		
49	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	1	\$450.00	CY	\$450.00	\$2,330.00	\$2,330.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00		
50	AC PAVEMENT(PATCH BACK)	2	\$820.00	TON	\$1,640.00	\$1,715.00	\$3,430.00	\$800.00	\$1,600.00	\$1,170.00	\$2,340.00		
51	PCC CURB & GUTTER, TYPE A2-8	64	\$70.00	LF	\$4,480.00	\$54.00	\$3,456.00	\$80.00	\$5,120.00	\$85.00	\$5,440.00		
52	PCC CURB & GUTTER, TYPE A2-VAR	7	\$53.00	LF	\$371.00	\$54.00	\$378.00	\$90.00	\$630.00	\$97.00	\$679.00		
53	COLORLED PCC CURB RAMPS, 4" THICK	6	\$750.00	CY	\$4,500.00	\$1,102.00	\$6,612.00	\$1,100.00	\$6,600.00	\$1,105.00	\$6,630.00		
54	COLORLED PCC DRIVES, 6" THICK	230	\$10.00	SF	\$2,300.00	\$12.25	\$2,817.50	\$18.00	\$4,140.00	\$24.00	\$5,520.00		

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Project ID: TDS0001562
Bids Opened: 8/14/2018
Office Engineer: Anoush Hovsepian 626-458-3139

Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate						(5) Comet Electric, Inc.		(6) DBX, Inc.		(7) Alfaro Communications Construction, Inc.			
(1) Preliminary Bid Amount						\$1,126,178.00		\$1,142,495.00		\$1,223,560.80			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
55	COLORED PCC WALK, 4" THICK	94	\$8.00	SF	\$752.00	\$8.60	\$808.40	\$16.00	\$1,504.00	\$20.00	\$1,880.00		
56	DETECTABLE WARNING SURFACE	30	\$50.00	SF	\$1,500.00	\$61.25	\$1,837.50	\$62.00	\$1,860.00	\$39.00	\$1,170.00		
57	2" CONDUIT (SCH 80 PVC)	20	\$40.00	LF	\$800.00	\$67.00	\$1,340.00	\$60.00	\$1,200.00	\$85.00	\$1,700.00		
58	3" CONDUIT (SCH 80 PVC)	160	\$50.00	LF	\$8,000.00	\$72.00	\$11,520.00	\$90.00	\$14,400.00	\$91.00	\$14,560.00		
59	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	165	\$3.50	LF	\$577.50	\$3.00	\$495.00	\$10.00	\$1,650.00	\$10.00	\$1,650.00		
60	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	67	\$5.00	LF	\$335.00	\$5.00	\$335.00	\$20.00	\$1,340.00	\$13.00	\$871.00		
61	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	285	\$5.00	LF	\$1,425.00	\$3.00	\$855.00	\$30.00	\$8,550.00	\$16.00	\$4,560.00		
62	WIRE #6	20	\$2.00	LF	\$40.00	\$15.00	\$300.00	\$2.00	\$40.00	\$17.00	\$340.00		
63	WIRE #10	610	\$1.50	LF	\$915.00	\$1.30	\$793.00	\$2.00	\$1,220.00	\$8.00	\$4,880.00		
64	NO. 6 PULL BOX INCL PCC COVER	5	\$750.00	EA	\$3,750.00	\$1,340.00	\$6,700.00	\$550.00	\$2,750.00	\$1,690.00	\$8,450.00		
65	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$3,568.00	\$3,568.00	\$2,300.00	\$2,300.00	\$2,980.00	\$2,980.00		
66	GPS UTB UNIT AND ANTENNA	1	\$1,200.00	EA	\$1,200.00	\$1,788.00	\$1,788.00	\$1,200.00	\$1,200.00	\$2,070.00	\$2,070.00		
67	SWITCH PACK	3	\$85.00	EA	\$255.00	\$297.00	\$891.00	\$30.00	\$90.00	\$37.00	\$111.00		
68	PED ISOLATION MODULE	1	\$125.00	EA	\$125.00	\$295.00	\$295.00	\$60.00	\$60.00	\$354.00	\$354.00		
69	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$15,000.00	\$15,000.00	\$15,500.00	\$15,500.00	\$24,122.00	\$24,122.00		
70	TYPE 332 CABINET FOUNDATION	1	\$2,475.00	EA	\$2,475.00	\$3,269.00	\$3,269.00	\$3,500.00	\$3,500.00	\$2,653.00	\$2,653.00		
71	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,609.00	\$3,609.00	\$3,500.00	\$3,500.00	\$4,080.00	\$4,080.00		
72	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$3,226.00	\$3,226.00	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00		
73	TYPE 1 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$1,237.00	\$2,474.00	\$600.00	\$1,200.00	\$1,574.00	\$3,148.00		
74	TYPE 19 STANDARD	1	\$6,300.00	EA	\$6,300.00	\$8,958.00	\$8,958.00	\$6,500.00	\$6,500.00	\$11,586.00	\$11,586.00		
75	TYPE 19 STANDARD WITH MODIFIED 23' HIGH POLE	1	\$6,300.00	EA	\$6,300.00	\$8,958.00	\$8,958.00	\$6,500.00	\$6,500.00	\$11,586.00	\$11,586.00		
76	TYPE 1 STANDARD FOUNDATION	2	\$1,200.00	EA	\$2,400.00	\$1,561.00	\$3,122.00	\$700.00	\$1,400.00	\$1,913.00	\$3,826.00		

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
77	TYPE 19 STANDARD FOUNDATION	2	\$4,400.00	EA	\$8,800.00	\$4,493.00	\$8,986.00	\$19,639.00	\$39,278.00	\$4,384.00	\$8,768.00		
78	25' SIGNAL MAST ARM	1	\$2,200.00	EA	\$2,200.00	\$2,410.00	\$2,410.00	\$1,800.00	\$1,800.00	\$3,223.00	\$3,223.00		
79	30' SIGNAL MAST ARM	1	\$2,250.00	EA	\$2,250.00	\$1,230.00	\$1,230.00	\$1,800.00	\$1,800.00	\$3,282.00	\$3,282.00		
80	12' LUMINAIRE MAST ARM	1	\$375.00	EA	\$375.00	\$800.00	\$800.00	\$400.00	\$400.00	\$860.00	\$860.00		
81	12' HORIZONTAL LUMINAIRE MAST ARM	1	\$400.00	EA	\$400.00	\$860.00	\$860.00	\$400.00	\$400.00	\$990.00	\$990.00		
82	LED LUMINAIRES (150W HPS EQUIVALENT)	2	\$550.00	EA	\$1,100.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$759.00	\$1,518.00		
83	3-12" LED VEHICLE HEAD (COMPLETE)	6	\$525.00	EA	\$3,150.00	\$1,150.00	\$6,900.00	\$700.00	\$4,200.00	\$1,113.00	\$6,678.00		
84	LED COUNTDOWN PEDESTRIAN HEAD (COMPLETE)	2	\$430.00	EA	\$860.00	\$835.00	\$1,670.00	\$400.00	\$800.00	\$781.00	\$1,562.00		
85	PEDESTRIAN PUSH BUTTON PLATE	2	\$18.00	EA	\$36.00	\$312.00	\$624.00	\$170.00	\$340.00	\$310.00	\$620.00		
86	INTELLICROSS APS	2	\$2,000.00	EA	\$4,000.00	\$4,486.00	\$8,972.00	\$4,000.00	\$8,000.00	\$5,542.00	\$11,084.00		
87	RETROREFLECTIVE STREET NAME SIGN	2	\$1,000.00	EA	\$2,000.00	\$1,610.00	\$3,220.00	\$1,110.00	\$2,220.00	\$1,804.00	\$3,608.00		
88	2-CAMERA VIDEO/RADAR DETECTION SYSTEM (COMPLETE)	1	\$19,300.00	EA	\$19,300.00	\$27,880.00	\$27,880.00	\$21,000.00	\$21,000.00	\$25,000.00	\$25,000.00		
89	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$8,940.00	\$8,940.00	\$5,000.00	\$5,000.00	\$4,550.00	\$4,550.00		
90	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$745.00	\$1,490.00	\$1,500.00	\$3,000.00	\$750.00	\$1,500.00		
91	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,100.00	\$2,200.00	\$2,500.00	\$5,000.00	\$1,560.00	\$3,120.00		
92	TEMPORARY SIGN	4	\$100.00	EA	\$400.00	\$1,690.00	\$6,760.00	\$500.00	\$2,000.00	\$300.00	\$1,200.00		
93	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
94	CONCRETE REMOVAL (NON-REINFORCED)	14	\$525.00	CY	\$7,350.00	\$368.00	\$5,152.00	\$300.00	\$4,200.00	\$580.00	\$8,120.00		
95	UNCLASSIFIED EXCAVATION	22	\$465.00	CY	\$10,230.00	\$368.00	\$8,096.00	\$230.00	\$5,060.00	\$104.00	\$2,288.00		
96	CRUSHED MISCELLANEOUS BASE	14	\$390.00	CY	\$5,460.00	\$417.00	\$5,838.00	\$130.00	\$1,820.00	\$78.00	\$1,092.00		

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(1) Preliminary Bid Amount					\$1,126,178.00		\$1,142,495.00		\$1,223,560.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
97	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	5	\$450.00	CY	\$2,250.00	\$466.00	\$2,330.00	\$1,000.00	\$5,000.00	\$390.00	\$1,950.00		
98	AC PAVEMENT(PATCH BACK)	8	\$820.00	TON	\$6,560.00	\$429.00	\$3,432.00	\$700.00	\$5,600.00	\$975.00	\$7,800.00		
99	PCC CURB & GUTTER, TYPE A2-VAR	96	\$53.00	LF	\$5,088.00	\$54.00	\$5,184.00	\$90.00	\$8,640.00	\$78.00	\$7,488.00		
100	PCC CURB RAMPS	7	\$865.00	CY	\$6,055.00	\$1,102.00	\$7,714.00	\$1,000.00	\$7,000.00	\$1,170.00	\$8,190.00		
101	DETECTABLE WARNING SURFACE	60	\$50.00	SF	\$3,000.00	\$52.00	\$3,120.00	\$62.00	\$3,720.00	\$39.00	\$2,340.00		
102	1" CONDUIT (SCH 80 PVC)	10	\$30.00	LF	\$300.00	\$47.00	\$470.00	\$20.00	\$200.00	\$91.00	\$910.00		
103	2" CONDUIT (SCH 80 PVC)	622	\$40.00	LF	\$24,880.00	\$27.00	\$16,794.00	\$35.00	\$21,770.00	\$39.00	\$24,258.00		
104	3" CONDUIT (SCH 80 PVC)	360	\$50.00	LF	\$18,000.00	\$78.00	\$28,080.00	\$65.00	\$23,400.00	\$52.00	\$18,720.00		
105	2-PAIR DETECTOR LEAD-IN CABLE	1480	\$2.00	LF	\$2,960.00	\$1.00	\$1,480.00	\$2.00	\$2,960.00	\$2.86	\$4,232.80		
106	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1133	\$3.50	LF	\$3,965.50	\$1.50	\$1,699.50	\$3.00	\$3,399.00	\$3.00	\$3,399.00		
107	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	42	\$5.00	LF	\$210.00	\$8.00	\$336.00	\$20.00	\$840.00	\$10.50	\$441.00		
108	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1176	\$5.00	LF	\$5,880.00	\$3.00	\$3,528.00	\$6.00	\$7,056.00	\$5.50	\$6,468.00		
109	WIRE # 6	580	\$2.00	LF	\$1,160.00	\$3.00	\$1,740.00	\$2.00	\$1,160.00	\$3.25	\$1,885.00		
110	WIRE #10	2050	\$1.50	LF	\$3,075.00	\$1.00	\$2,050.00	\$1.00	\$2,050.00	\$2.86	\$5,863.00		
111	NO. 5 PULL BOX INCL PCC COVER	3	\$625.00	EA	\$1,875.00	\$1,250.00	\$3,750.00	\$500.00	\$1,500.00	\$1,560.00	\$4,680.00		
112	NO. 6 PULL BOX INCL PCC COVER	9	\$750.00	EA	\$6,750.00	\$1,300.00	\$11,700.00	\$550.00	\$4,950.00	\$1,690.00	\$15,210.00		
113	INDUCTIVE LOOP DETECTOR AND LEADS SAW CUT	630	\$9.00	LF	\$5,670.00	\$3.00	\$1,890.00	\$9.00	\$5,670.00	\$13.00	\$8,190.00		
114	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$3,569.00	\$3,569.00	\$2,300.00	\$2,300.00	\$2,980.00	\$2,980.00		
115	GPS UTB UNIT AND ANTENNA	1	\$1,200.00	EA	\$1,200.00	\$1,790.00	\$1,790.00	\$1,200.00	\$1,200.00	\$1,940.00	\$1,940.00		
116	SWITCH PACK	8	\$85.00	EA	\$680.00	\$300.00	\$2,400.00	\$30.00	\$240.00	\$37.00	\$296.00		
117	PED ISOLATION MODULE	2	\$125.00	EA	\$250.00	\$300.00	\$600.00	\$60.00	\$120.00	\$73.00	\$146.00		
118	2-CHANNEL ILD SENSOR UNIT	5	\$120.00	EA	\$600.00	\$410.00	\$2,050.00	\$100.00	\$500.00	\$121.00	\$605.00		
119	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$12,000.00	\$12,000.00	\$15,500.00	\$15,500.00	\$22,275.00	\$22,275.00		

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(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
120	TYPE 332 CABINET FOUNDATION	1	\$2,475.00	EA	\$2,475.00	\$3,270.00	\$3,270.00	\$3,500.00	\$3,500.00	\$2,653.00	\$2,653.00		
121	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,610.00	\$3,610.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00		
122	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$2,130.00	\$2,130.00	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00		
123	TYPE 1 STANDARD	2	\$1,000.00	EA	\$2,000.00	\$1,120.00	\$2,240.00	\$600.00	\$1,200.00	\$1,574.00	\$3,148.00		
124	TYPE 15 STANDARD	2	\$2,000.00	EA	\$4,000.00	\$2,660.00	\$5,320.00	\$2,000.00	\$4,000.00	\$3,791.00	\$7,582.00		
125	TYPE 15TS STANDARD WITH MODIFIED 23' HIGH POLE	2	\$2,100.00	EA	\$4,200.00	\$2,780.00	\$5,560.00	\$2,000.00	\$4,000.00	\$3,791.00	\$7,582.00		
126	TYPE 24 STANDARD	1	\$6,300.00	EA	\$6,300.00	\$9,750.00	\$9,750.00	\$7,500.00	\$7,500.00	\$13,516.00	\$13,516.00		
127	TYPE 24 STANDARD WITH MODIFIED 23' HIGH POLE	1	\$7,050.00	EA	\$7,050.00	\$9,590.00	\$9,590.00	\$7,500.00	\$7,500.00	\$13,516.00	\$13,516.00		
128	TYPE 1 STANDARD FOUNDATION	2	\$1,200.00	EA	\$2,400.00	\$1,560.00	\$3,120.00	\$1,500.00	\$3,000.00	\$1,913.00	\$3,826.00		
129	TYPE 15 STANDARD FOUNDATION	4	\$2,400.00	EA	\$9,600.00	\$2,010.00	\$8,040.00	\$10,000.00	\$40,000.00	\$2,786.00	\$11,144.00		
130	TYPE 24 STANDARD FOUNDATION	2	\$6,250.00	EA	\$12,500.00	\$4,900.00	\$9,800.00	\$14,000.00	\$28,000.00	\$5,102.00	\$10,204.00		
131	25' SIGNAL MAST ARM	2	\$2,200.00	EA	\$4,400.00	\$3,400.00	\$6,800.00	\$2,700.00	\$5,400.00	\$4,464.00	\$8,928.00		
132	8' LUMINAIRE MAST ARM	1	\$240.00	EA	\$240.00	\$605.00	\$605.00	\$250.00	\$250.00	\$619.00	\$619.00		
133	12' LUMINAIRE MAST ARM	2	\$375.00	EA	\$750.00	\$730.00	\$1,460.00	\$400.00	\$800.00	\$860.00	\$1,720.00		
134	8' HORIZONTAL LUMINAIRE MAST ARM	1	\$245.00	EA	\$245.00	\$605.00	\$605.00	\$250.00	\$250.00	\$684.00	\$684.00		
135	12' HORIZONTAL LUMINAIRE MAST ARM	2	\$400.00	EA	\$800.00	\$790.00	\$1,580.00	\$400.00	\$800.00	\$925.00	\$1,850.00		
136	LED LUMINAIRES (150W HPS EQUIVALENT)	2	\$550.00	EA	\$1,100.00	\$956.00	\$1,912.00	\$500.00	\$1,000.00	\$759.00	\$1,518.00		
137	LED LUMINAIRES (200W HPS EQUIVALENT)	4	\$655.00	EA	\$2,620.00	\$880.00	\$3,520.00	\$500.00	\$2,000.00	\$788.00	\$3,152.00		
138	3-12" LED VEHICLE HEAD (COMPLETE)	10	\$525.00	EA	\$5,250.00	\$950.00	\$9,500.00	\$500.00	\$5,000.00	\$958.00	\$9,580.00		
139	LED COUNTDOWN PED HEAD (COMPLETE)	8	\$430.00	EA	\$3,440.00	\$735.00	\$5,880.00	\$400.00	\$3,200.00	\$911.00	\$7,288.00		
140	PEDESTRIAN PUSH BUTTON	8	\$180.00	EA	\$1,440.00	\$227.00	\$1,816.00	\$70.00	\$560.00	\$224.00	\$1,792.00		

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141	PEDESTRIAN PUSH BUTTON PLATE	8	\$18.00	EA	\$144.00	\$138.00	\$1,104.00	\$20.00	\$160.00	\$37.00	\$296.00		
142	PEDESTRIAN PUSH BUTTON POST	1	\$355.00	EA	\$355.00	\$611.00	\$611.00	\$250.00	\$250.00	\$619.00	\$619.00		
143	PEDESTRIAN PUSH BUTTON POST FOUNDATION	1	\$300.00	EA	\$300.00	\$1,050.00	\$1,050.00	\$300.00	\$300.00	\$585.00	\$585.00		
144	APS PPB WITH SPECIAL VOICE MESSAGE	8	\$620.00	EA	\$4,960.00	\$612.00	\$4,896.00	\$500.00	\$4,000.00	\$948.00	\$7,584.00		
145	CENTRAL CONTROLLER UNIT APS	1	\$3,500.00	EA	\$3,500.00	\$4,530.00	\$4,530.00	\$3,800.00	\$3,800.00	\$5,366.00	\$5,366.00		
146	RETROREFLECTIVE STREET NAME SIGN	4	\$1,000.00	EA	\$4,000.00	\$1,240.00	\$4,960.00	\$900.00	\$3,600.00	\$1,702.00	\$6,808.00		
147	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	4	\$1,300.00	EA	\$5,200.00	\$2,115.00	\$8,460.00	\$1,600.00	\$6,400.00	\$2,819.00	\$11,276.00		
148	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$8,940.00	\$8,940.00	\$6,000.00	\$6,000.00	\$4,550.00	\$4,550.00		
149	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$842.00	\$1,684.00	\$1,500.00	\$3,000.00	\$750.00	\$1,500.00		
150	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,100.00	\$2,200.00	\$2,500.00	\$5,000.00	\$1,560.00	\$3,120.00		
151	SCE WORK (ALLOWANCE OF \$6,000)	6000	\$1.00	AL	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00	\$1.00	\$6,000.00		
152	CONCRETE REMOVAL (NON-REINFORCED)	16	\$525.00	CY	\$8,400.00	\$270.00	\$4,320.00	\$300.00	\$4,800.00	\$455.00	\$7,280.00		
153	UNCLASSIFIED EXCAVATION	51	\$465.00	CY	\$23,715.00	\$270.00	\$13,770.00	\$240.00	\$12,240.00	\$85.00	\$4,335.00		
154	CRUSHED MISCELLANEOUS BASE	36	\$390.00	CY	\$14,040.00	\$330.00	\$11,880.00	\$135.00	\$4,860.00	\$78.00	\$2,808.00		
155	TRENCH BACKFILL SLURRY (CLASS 270-E-500)	3	\$450.00	CY	\$1,350.00	\$772.00	\$2,316.00	\$1,000.00	\$3,000.00	\$455.00	\$1,365.00		
156	AC PAVEMENT(PATCH BACK)	25	\$820.00	TON	\$20,500.00	\$368.00	\$9,200.00	\$550.00	\$13,750.00	\$340.00	\$8,500.00		
157	PCC CURB, TYPE A1-8	8	\$100.00	LF	\$800.00	\$41.00	\$328.00	\$100.00	\$800.00	\$85.00	\$680.00		
158	PCC CURB, TYPE A1-VAR	25	\$60.00	LF	\$1,500.00	\$41.00	\$1,025.00	\$80.00	\$2,000.00	\$85.00	\$2,125.00		
159	PCC CURB & GUTTER, TYPE A2-8	43	\$70.00	LF	\$3,010.00	\$54.00	\$2,322.00	\$90.00	\$3,870.00	\$85.00	\$3,655.00		
160	PCC CURB & GUTTER, TYPE A2-VAR	42	\$53.00	LF	\$2,226.00	\$54.00	\$2,268.00	\$85.00	\$3,570.00	\$85.00	\$3,570.00		

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Addenda: 0
Duration: 100 Calendar Day(s)

Engineer's Estimate					(5) Comet Electric, Inc.		(6) DBX, Inc.		(7) Alfaro Communications Construction, Inc.				
(1) Preliminary Bid Amount					\$1,126,178.00		\$1,142,495.00		\$1,223,560.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
161	PCC GUTTER, 2' WIDE	47	\$50.00	LF	\$2,350.00	\$47.00	\$2,209.00	\$60.00	\$2,820.00	\$52.00	\$2,444.00		
162	PCC CURB RAMPS	8	\$865.00	CY	\$6,920.00	\$980.00	\$7,840.00	\$1,000.00	\$8,000.00	\$1,170.00	\$9,360.00		
163	DETECTABLE WARNING SURFACE	63	\$50.00	SF	\$3,150.00	\$52.00	\$3,276.00	\$62.00	\$3,906.00	\$39.00	\$2,457.00		
164	2" CONDUIT (SCH 80 PVC)	80	\$40.00	LF	\$3,200.00	\$25.00	\$2,000.00	\$35.00	\$2,800.00	\$39.00	\$3,120.00		
165	3" CONDUIT (SCH 80 PVC)	430	\$50.00	LF	\$21,500.00	\$55.00	\$23,650.00	\$70.00	\$30,100.00	\$58.00	\$24,940.00		
166	2-PAIR DETECTOR LEAD-IN CABLE	1150	\$2.00	LF	\$2,300.00	\$1.00	\$1,150.00	\$2.00	\$2,300.00	\$4.16	\$4,784.00		
167	3-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1000	\$3.50	LF	\$3,500.00	\$1.50	\$1,500.00	\$3.00	\$3,000.00	\$4.30	\$4,300.00		
168	5-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	350	\$5.00	LF	\$1,750.00	\$2.00	\$700.00	\$3.00	\$1,050.00	\$4.55	\$1,592.50		
169	12-CONDUCTOR SIGNAL CABLE(EXCLUDING CONDUIT)	1560	\$5.00	LF	\$7,800.00	\$2.50	\$3,900.00	\$9.00	\$14,040.00	\$4.00	\$6,240.00		
170	WIRE #6	750	\$2.00	LF	\$1,500.00	\$2.30	\$1,725.00	\$1.00	\$750.00	\$4.55	\$3,412.50		
171	WIRE #10	2150	\$1.50	LF	\$3,225.00	\$1.00	\$2,150.00	\$1.00	\$2,150.00	\$2.86	\$6,149.00		
172	NO. 6 PULL BOX INCL PCC COVER	6	\$750.00	EA	\$4,500.00	\$2,200.00	\$13,200.00	\$550.00	\$3,300.00	\$1,690.00	\$10,140.00		
173	REMOVE CONTROLLER CABINET COMPLETE	1	\$450.00	EA	\$450.00	\$900.00	\$900.00	\$1,800.00	\$1,800.00	\$877.00	\$877.00		
174	REMOVE SERVICE CABINET (COMPLETE)	1	\$500.00	EA	\$500.00	\$900.00	\$900.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00		
175	REMOVE SERVICE CABINET FOUNDATION	1	\$500.00	EA	\$500.00	\$3,520.00	\$3,520.00	\$800.00	\$800.00	\$500.00	\$500.00		
176	REMOVE EXISTING APS UNIT	4	\$100.00	EA	\$400.00	\$120.00	\$480.00	\$150.00	\$600.00	\$325.00	\$1,300.00		
177	REMOVE TYPE 15 STANDARD (COMPLETE) (EXCL. FOUND.)	1	\$1,035.00	EA	\$1,035.00	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,600.00	\$2,600.00		
178	REMOVE TYPE 17 STANDARD (COMPLETE) (EXCL. FOUND.)	3	\$1,150.00	EA	\$3,450.00	\$1,700.00	\$5,100.00	\$2,000.00	\$6,000.00	\$2,600.00	\$7,800.00		
179	REMOVE TYPE 15 FOUNDATION	1	\$1,475.00	EA	\$1,475.00	\$3,433.00	\$3,433.00	\$2,000.00	\$2,000.00	\$2,600.00	\$2,600.00		
180	REMOVE TYPE 17 FOUNDATION	3	\$1,450.00	EA	\$4,350.00	\$2,206.00	\$6,618.00	\$2,000.00	\$6,000.00	\$2,600.00	\$7,800.00		

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Engineer's Estimate					(5) Comet Electric, Inc.		(6) DBX, Inc.		(7) Alfaro Communications Construction, Inc.				
(1) Preliminary Bid Amount					\$1,126,178.00		\$1,142,495.00		\$1,223,560.80				
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
181	REMOVE SIGNAL 20' MAST ARM	1	\$400.00	EA	\$400.00	\$506.00	\$506.00	\$800.00	\$800.00	\$975.00	\$975.00		
182	REMOVE 8' LUMINAIRE MAST ARM	3	\$200.00	EA	\$600.00	\$420.00	\$1,260.00	\$150.00	\$450.00	\$780.00	\$2,340.00		
183	REMOVE VEHICLE HEAD (COMPLETE)	4	\$175.00	EA	\$700.00	\$155.00	\$620.00	\$150.00	\$600.00	\$455.00	\$1,820.00		
184	REMOVE PEDESTRIAN PUSH BUTTON	4	\$80.00	EA	\$320.00	\$120.00	\$480.00	\$50.00	\$200.00	\$130.00	\$520.00		
185	RELOCATE LUMINAIRE	6	\$200.00	EA	\$1,200.00	\$300.00	\$1,800.00	\$150.00	\$900.00	\$325.00	\$1,950.00		
186	RELOCATE PEDESTRIAN HEAD (COMPLETE)	4	\$250.00	EA	\$1,000.00	\$450.00	\$1,800.00	\$150.00	\$600.00	\$455.00	\$1,820.00		
187	RELOCATE EXISTING CHAIN LINK FENCE	16	\$200.00	LF	\$3,200.00	\$156.00	\$2,496.00	\$320.00	\$5,120.00	\$60.00	\$960.00		
188	TYPE 170 ATC/HC-11 CONTROLLER	1	\$2,200.00	EA	\$2,200.00	\$3,570.00	\$3,570.00	\$2,300.00	\$2,300.00	\$2,980.00	\$2,980.00		
189	GPS UTB UNIT AND ANTENNA	1	\$1,200.00	EA	\$1,200.00	\$1,790.00	\$1,790.00	\$1,200.00	\$1,200.00	\$1,940.00	\$1,940.00		
190	SWITCH PACK	10	\$85.00	EA	\$850.00	\$300.00	\$3,000.00	\$30.00	\$300.00	\$37.00	\$370.00		
191	PED ISOLATION MODULE	2	\$125.00	EA	\$250.00	\$300.00	\$600.00	\$60.00	\$120.00	\$74.00	\$148.00		
192	2-CHANNEL ILD SENSOR UNIT	3	\$120.00	EA	\$360.00	\$303.00	\$909.00	\$100.00	\$300.00	\$121.00	\$363.00		
193	TYPE 332 CABINET	1	\$11,000.00	EA	\$11,000.00	\$18,922.00	\$18,922.00	\$15,500.00	\$15,500.00	\$24,122.00	\$24,122.00		
194	TYPE III-BF SERVICE CABINET	1	\$3,150.00	EA	\$3,150.00	\$3,610.00	\$3,610.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00		
195	TYPE III-BF SERVICE CABINET FOUNDATION	1	\$2,130.00	EA	\$2,130.00	\$3,300.00	\$3,300.00	\$3,000.00	\$3,000.00	\$1,300.00	\$1,300.00		
196	TYPE 26 STANDARD	3	\$6,750.00	EA	\$20,250.00	\$8,500.00	\$25,500.00	\$9,000.00	\$27,000.00	\$15,000.00	\$45,000.00		
197	TYPE 29 STANDARD	1	\$8,000.00	EA	\$8,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$11,000.00	\$18,000.00	\$18,000.00		
198	TYPE 26 STANDARD FOUNDATION	3	\$6,250.00	EA	\$18,750.00	\$4,850.00	\$14,550.00	\$14,086.00	\$42,258.00	\$5,197.00	\$15,591.00		
199	TYPE 29 STANDARD FOUNDATION	1	\$5,500.00	EA	\$5,500.00	\$6,957.00	\$6,957.00	\$16,086.00	\$16,086.00	\$5,197.00	\$5,197.00		
200	30' SIGNAL MAST ARM	3	\$2,250.00	EA	\$6,750.00	\$3,726.00	\$11,178.00	\$3,000.00	\$9,000.00	\$4,764.00	\$14,292.00		
201	50' SIGNAL MAST ARM	1	\$4,000.00	EA	\$4,000.00	\$4,646.00	\$4,646.00	\$4,000.00	\$4,000.00	\$5,700.00	\$5,700.00		
202	12' LUMINAIRE MAST ARM	6	\$375.00	EA	\$2,250.00	\$487.00	\$2,922.00	\$500.00	\$3,000.00	\$860.00	\$5,160.00		
203	15' LUMINAIRE MAST ARM	1	\$550.00	EA	\$550.00	\$1,013.00	\$1,013.00	\$500.00	\$500.00	\$985.00	\$985.00		

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(1) Preliminary Bid Amount						\$1,126,178.00		\$1,142,495.00		\$1,223,560.80			
(2) Unit Price Detail													
Item	Description	Qty	Unit Price	Unit	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
204	LED LUMINAIRES (150W HPS EQUIVALENT)	1	\$550.00	EA	\$550.00	\$981.00	\$981.00	\$500.00	\$500.00	\$760.00	\$760.00		
205	3-12" LED VEHICLE HEAD (COMPLETE)	10	\$525.00	EA	\$5,250.00	\$951.00	\$9,510.00	\$500.00	\$5,000.00	\$880.00	\$8,800.00		
206	5-12" LED VEHICLE HEAD (COMPLETE)	4	\$750.00	EA	\$3,000.00	\$1,155.00	\$4,620.00	\$800.00	\$3,200.00	\$1,586.00	\$6,344.00		
207	PEDESTRIAN PUSH BUTTON PLATE	8	\$18.00	EA	\$144.00	\$138.00	\$1,104.00	\$20.00	\$160.00	\$35.00	\$280.00		
208	APS PPB WITH SPECIAL VOICE MESSAGE	8	\$620.00	EA	\$4,960.00	\$613.00	\$4,904.00	\$500.00	\$4,000.00	\$925.00	\$7,400.00		
209	CENTRAL CONTROLLER UNIT APS	1	\$3,500.00	EA	\$3,500.00	\$4,525.00	\$4,525.00	\$5,000.00	\$5,000.00	\$5,366.00	\$5,366.00		
210	RETROREFLECTIVE STREET NAME SIGN	4	\$1,000.00	EA	\$4,000.00	\$1,247.00	\$4,988.00	\$1,000.00	\$4,000.00	\$1,600.00	\$6,400.00		
211	8' STRAIGHT ARM CLAMP-ON FOR STREET NAME SIGN	4	\$1,300.00	EA	\$5,200.00	\$2,451.00	\$9,804.00	\$1,800.00	\$7,200.00	\$2,797.00	\$11,188.00		
212	4-CAMERA VIDEO/RADAR DETECTION SYSTEM (COMPLETE)	1	\$30,000.00	EA	\$30,000.00	\$48,000.00	\$48,000.00	\$38,000.00	\$38,000.00	\$49,000.00	\$49,000.00		
213	DC ISOLATOR FOR MICROWAVE SENSOR	1	\$100.00	EA	\$100.00	\$568.00	\$568.00	\$60.00	\$60.00	\$73.00	\$73.00		
214	TEMPORARY CONTROLLER	1	\$1,200.00	EA	\$1,200.00	\$1,180.00	\$1,180.00	\$1,000.00	\$1,000.00	\$4,017.00	\$4,017.00		
215	TEMPORARY TYPE 15TS STANDARD	1	\$1,900.00	EA	\$1,900.00	\$9,950.00	\$9,950.00	\$2,800.00	\$2,800.00	\$8,450.00	\$8,450.00		
216	TEMPORARY TYPE 17 STANDARD	1	\$2,650.00	EA	\$2,650.00	\$10,600.00	\$10,600.00	\$2,800.00	\$2,800.00	\$9,750.00	\$9,750.00		
217	TRAFFIC CONTROL	1	\$20,000.00	LS	\$20,000.00	\$8,940.10	\$8,940.10	\$6,000.00	\$6,000.00	\$4,550.00	\$4,550.00		
218	FLASHING ARROW SIGN	2	\$1,250.00	EA	\$2,500.00	\$743.00	\$1,486.00	\$1,500.00	\$3,000.00	\$750.00	\$1,500.00		
219	CHANGEABLE MESSAGE SIGN	2	\$1,250.00	EA	\$2,500.00	\$1,100.00	\$2,200.00	\$2,500.00	\$5,000.00	\$1,560.00	\$3,120.00		
Unit Price Total					\$1,001,727.00	\$1,124,578.00		\$1,142,495.00		\$1,223,560.80			
(3) Local Small Business Enterprise (LSBE) Preference Amount							\$0.00		\$0.00		\$0.00		
(4) LSBE Adjusted Amount							\$1,124,578.00		\$1,142,495.00		\$1,223,560.80		

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